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	INFORMATION	ON DISCLOSURE	Application Number	10/083,470	/ 3		
	STATEMEN'	T BY APPLICANT	Filing Date	02/27/2002	AUG 2 2 2002		
	Data Culturalita	.d. A	First Named Inventor	Hiroshi NOGUCHI	- AU6 2 2 2002 E		
	Date Submitte	ed: August 22, 2002	Group Art Unit	1741	7		
	(use as many s	heets as necessary)	Examiner Name	Unassigned	A. LAN		
Sheet	1	of 1	Attorney Docket Number	040679-1450	PADER		

				U.S. PATENT DOCUMENTS	3			
Examiner Initials*		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant		
	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear		
Q	A1	5,462,674		BUTTERS ET AL.	10/31/95			
1	A2	5,501,801		ZHANG ET AL.	03/26/96			
. 1/	A3	5,779,912		GONZALEZ-MARTIN ET AL.	07/14/98			

				F	OREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No.¹	Foreign Patent Document  Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
W.	A4	EP	حر1 537 53 0	A1	NEC CORPORATION	04/21/93		
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue nur publisher, city and/or country where published.						
<u>l</u> e	A5	PATENT ABSTRACTS OF JAPAN, Vol. 1999, No. 3, 31 March 1999 (1999-03-31), & JP 10 323663 Abstract.					
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<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Form PTO-14 (MODIFIED)	,,			ATTY. DOCKET NO. 040679-1450		SERIAL NO. Unassigned				
(MODIFIED)				APPLICANT						
INFORMATION DISCLOSURE CITATION					Hiroshi NOGUCHI et al.					
•				FILING DATE	GROUP ART UNIT					
	(Use several sheets if necessary)				FEB 27	2002	1741			
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE		
6	A1	5,330,661	07/1994	Okuda et al.		210	748			
								PTC		
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FOREIGN PATENT DOCUMENTS										
	REF	DOCUMENT NUMBER	DATE	-	COUNTRY	CLASS	SUB- CLASS	TRANS YES	LATION NO	
	A2	61-18494	1/1986	Japan						
									-	
1		OTHER DOCUM	MENTS (Includi	ing A	uthor, Title, Date, Per	tinent Pages,	Etc.)			
A3 MILLS, A. et al. "Bromate Removal from Drinking Water by Semiconductor Photocatalysis," Water I Vol. 30, No. 9, pp. 1973 – 1978, Elsevier Science Ltd., Great Britain.						Vater Res.	(1996),			
	A4	KUROKAWA, Y. et al. "Dose-Response Studies on the Carcinogenicity of Potassium Bromate in F344 Rats After Long-Term Oral Administration," <i>JNCI</i> (1986), Vol. 77, No. 4, pp. 977 - 982								
	<b>A</b> 5	ASAMI, M. et al. "Mizu KANKYO Gakki-shi," (1996), Vol. 19, No. 11, pp. 930 – 936.								
V	A6	MIYATA et al. "Suido Kyokai Zasshi," (1997),Vol. 66, No. 3, pp. 16 – 25.								
	A	Λ	-				4			
EXAMINER	(8)				DATE CONSIDER	3/	8/04			
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